Amendments to the Claims

1. (currently amended) A method of manipulating image data, comprising the steps of:

~~a)~~ receiving the image data at a processor, wherein the image data is in an aperiodic cell format;

~~b)~~ sampling the image data into a predetermined periodic format.

2. (original) The method as claimed in claim 1 wherein the aperiodic cell format is Ammann tiles.

3. (original) The method of claim 1 wherein the predetermined periodic format is that used for a printer description language.

4. (original) The method of claim 1 wherein the predetermined periodic format is Postscript™.

5. (original) The method of claim 1 wherein the predetermined periodic format is SVGA.

6. (original) The method of claim 1 wherein the predetermined periodic format is XGA.

7. (original) The method of claim 1 wherein the predetermined periodic format is VGA.

8. (original) The method of claim 1 wherein the predetermined periodic format is SXGA.

9. (currently amended) A method of manipulating image data, comprising the steps of:

~~a)~~ receiving the image data at a processor, wherein the image data is in a periodic cell format;

~~b)~~ sampling the image data into ~~an~~ a non-random, aperiodic cell format.

10. (original) The method of claim 9 wherein the periodic cell format is VGA.

11. (original) The method of claim 9 wherein the periodic cell format is SVGA.

12. (original) The method of claim 9 wherein the periodic cell format is XGA.

13. (original) The method of claim 9 wherein the periodic cell format is SXGA.

14. (original) The method of claim 9 wherein the periodic cell format is used for a printer description language.

15. (original) The method of claim 9 wherein the aperiodic cell format uses Ammann tiling.

16. (currently amended) An imaging system, comprising:

~~a)~~ an aperiodic input device, wherein the input device produces image data in aperiodic format;

~~b)~~ an aperiodic output device, wherein the output device renders an image represented by the image data produced by the input device aperiodically.

17. (original) The method of claim 1 wherein the input device is a scanner.

18. (original) The method of claim 1 wherein the input device is a camera.

19. (original) The method of claim 1 wherein the output device is a printer.

20. (original) The method of claim 1 wherein the output device is a display.